

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
STANDARD ANNULAR PRESSURE TEST

Operator	BREITBURN OPER.	State Permit Number	43178 ✓
Address		EPA Permit Number	MI-131-2D-0093 ✓
		Date of Test	5/14/2013 ✓
Well Name & Number	BERSCHBACH 33 SWD	Well Type	2D

Quarter	Quarter	Quarter	Section	Township	Range	Township Name	County	State
NE	SW	SW	33	31N	2W		OTSEGO	MI
GPS file number			Latitude			Longitude		Elevation
			45.02962			84.56766		

Company Representative	Bob. Woodhouse	Field Inspector	Sam H. Williams ✓
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GAUGE CERTIFICATION

Type Pressure Gauge NIKA } 4 inch face 600 psi full scale 5 psi increments  
 New Gauge? Yes ☒ No ☐ If no, date of calibration \_\_\_\_\_ Calibration certification submitted? Yes ☐ No ☒

TEST RESULTS

Time	0	15	30				
Annulus	349	349	349				
Tubing	61						

WELL STATUS

5 Year ☐ TD# \_\_\_\_\_  
 2 Year TA ☒ TD# \_\_\_\_\_  
 Rework after failure ☒ TD# 13-144  
 New Permit ☐ TD# \_\_\_\_\_  
 Enforcement Action ☐ TD# \_\_\_\_\_  
 Annual Class 1 ☐ TD# \_\_\_\_\_

WELL CONFIGURATION

Casing Size 5 1/2  
 Tubing Size 2 1/8  
 Packer Type TARGET SL BATED  
 Packer set @ 1962.8  
 Fluid Return (gal) 2 1/2 GAL

Test Pressures: Max. Allowable Pressure Change: Initial test pressure x .03 10.5 psi  
 Test Pressure change 2 psi

Test Passed ☒ Test Failed ☐ : If failed test, well must shut in, no injection can occur, and USEPA must be contacted within 24 hours. Corrective action needs to occur, the well retested, and written authorization received before injection can recommence.

COMMENT:

RECEIVED

JUN 05 2013

Signature of Company Representative	<u>Sam H. Williams</u>	Date	5/14/2013 ✓
Signature of UIC Field Inspector	<u>Sam H. Williams</u>	Date	MAY 14, 2013